

## Patent abstract files

29/69,K/13 (Item 12 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0013342180 *Drawing available*

WPI Acc no: 2003-429818/200340

Related WPI Acc No: 2003-556498; 2004-246713; 2005-531654; 2005-531655; 2005-541137; 2005-541147; 2005-562052; 2005-596690; 2005-603784; 2005-637678; 2005-647350

XRPX Acc No: N2003-343240

**Digital data storage/processing assembly for digital device e.g. cellular telephone, has processing arrangement that controls digital storage element using native control code**

Patent Assignee: BRUNER C H (BRUN-I); CONVERGENT SYSTEMS SOLUTIONS LLC (CONV-N); CORNICE INC (CORN-N); FLETCHER F E R (FLET-I); FLETCHER J F (FLET-I); BENHOV GMBH LLC (BENH-N)

Inventor: BRUNER C; BRUNER C H; FLETCHER F; FLETCHER F E R; FLETCHER J; FLETCHER J F; FLETCHER F E

Patent Family ( 11 patents, 100 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030053240	A1	20030320	US 2001952998	A	20010914	200340	B
WO 2003025932	A1	20030327	WO 2002US28987	A	20020912	200340	E
EP 1433177	A1	20040630	EP 2002798950	A	20020912	200443	E
			WO 2002US28987	A	20020912		
AU 2002333591	A1	20030401	AU 2002333591	A	20020912	200452	E
KR 2004048891	A	20040610	KR 2004703841	A	20040315	200466	E
JP 2005503638	W	20050203	WO 2002US28987	A	20020912	200516	E
			JP 2003529465	A	20020912		
US 7106541	B2	20060912	US 2001952998	A	20010914	200660	E
EP 1433177	B1	20091202	EP 2002798950	A	20020912	200979	E
			WO 2002US28987	A	20020912		
DE 60234615	E	20100114	DE 60234615	A	20020912	201005	E
			EP 2002798950	A	20020912		
			WO 2002US28987	A	20020912		
JP 2010044853	A	20100225	JP 2003529465	A	20020912	201016	E
			JP 2009227810	A	20090930		

KR 987618	B1	20101013	WO 2002US28987	A	20020912	201074	E
			KR 2004703841	A	20040315		

Priority Applications (no., kind, date): US 2001952998 A 20010914; US 2001952998 A 20010914

### Alerting Abstract US A1

NOVELTY - A digital data storage element (320) is interfaced to a processing arrangement (302) through a bus (322), that executes a control program for operating an overall digital device. The processing arrangement controls the storage element using a native control code (308) of the program.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. digital data storage/processing method;
2. digital data storage/processing system;
3. storage element protection apparatus; and
4. rotatable media accessing apparatus.

USE - For digital electronic devices such as cellular telephone, music player e.g. MP3 player, portable computer, personal digital assistant (PDA), pager, digital camera, digital camcorder, personal gaming device, e-book, wireless telephone, Internet appliances and multimedia device.

ADVANTAGE - Improves capability and achieves miniaturization using hard disk assembly (HDA) and printed circuit board assembly (PCBA). Reduces cost and protects the storage element from mechanical shock by the memory arrangement. Reduces power consumption and eliminates need for special software to interpret the native code.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the digital data storage/processing assembly.

302 processing arrangement

308 native control code

320 storage element

322 bus

### Technology Focus

INDUSTRIAL STANDARDS - The digital interface which connects electronic device to external computer conforms to IEEE 1394 bus or universal serial bus (USB).

### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
G11B-020/10; G11B-021/02			Main		"Version 7"
G06F-013/12; G06F-013/14; G06F-			Secondary		"Version 7"

013/16; G06F-013/38; G06F-003/06; G11B-017/00; G11B-019/02; G11B- 021/08; G11B-021/12					
G06F-0001/16	A	I		R	20060101
G06F-0013/12	A	I		R	20060101
G06F-0013/12	A	I	L		20060101
G06F-0013/12	A	I	L	B	20060101
G06F-0013/14	A	I		R	20060101
G06F-0013/14	A	I	L		20060101
G06F-0013/14	A	I	L	B	20060101
G06F-0013/16	A	I		R	20060101
G06F-0013/16	A	I	L		20060101
G06F-0013/16	A	I	L	B	20060101
G06F-0013/38	A	I		R	20060101
G06F-0013/38	A	I	L		20060101
G06F-0013/38	A	I	L	B	20060101
G06F-0003/06	A	I	F	R	20060101
G06F-0003/06	A	I	L		20060101
G11B-0015/18	A	I		R	20060101
G11B-0017/00	A	I		R	20060101
G11B-0017/00	A	I	L		20060101
G11B-0017/00	A	I	L	B	20060101
G11B-0019/02	A	I		R	20060101
G11B-0019/02	A	I	L		20060101
G11B-0019/02	A	I	L	B	20060101
G11B-0019/04	A	I		R	20060101
G11B-0020/10	A	I	F	B	20060101
G11B-0020/10	A	I	L	R	20060101
G11B-0021/02	A	I		R	20060101
G11B-0021/02	A	I	F		20060101
G11B-0021/02	A	I	F	B	20060101
G11B-0021/08	A	I	L	R	20060101
G11B-0021/12	A	I	L	R	20060101
G11B-0021/22	A	I		R	20060101
G11B-0027/36	A	I		R	20060101

G11B-0005/54	A	I		R	20060101		
G11B-0020/10	A	I	F		20060101		
G06F-0001/16	C	I		R	20060101		
G06F-0013/12	C	I			20060101		
G06F-0013/12	C	I		R	20060101		
G06F-0013/12	C	I	L	B	20090101		
G06F-0013/14	C	I			20060101		
G06F-0013/14	C	I		R	20060101		
G06F-0013/14	C	I	L	B	20090101		
G06F-0013/16	C	I			20060101		
G06F-0013/16	C	I		R	20060101		
G06F-0013/16	C	I	L	B	20090101		
G06F-0013/38	C	I			20060101		
G06F-0013/38	C	I		R	20060101		
G06F-0013/38	C	I	L	B	20090101		
G06F-0003/06	C	I			20060101		
G06F-0003/06	C	I	F	R	20060101		
G11B-0015/18	C	I		R	20060101		
G11B-0017/00	C	I			20060101		
G11B-0017/00	C	I		R	20060101		
G11B-0017/00	C	I	L	B	20090101		
G11B-0019/02	C	I			20060101		
G11B-0019/02	C	I		R	20060101		
G11B-0019/02	C	I	L	B	20090101		
G11B-0019/04	C	I		R	20060101		
G11B-0020/10	C	I	F	B	20100101		
G11B-0020/10	C	I	L	R	20060101		
G11B-0021/02	C	I			20060101		
G11B-0021/02	C	I		R	20060101		
G11B-0021/02	C	I	F	B	20090101		
G11B-0021/08	C	I	L	R	20060101		
G11B-0021/12	C	I	L	R	20060101		
G11B-0021/22	C	I		R	20060101		
G11B-0027/36	C	I		R	20060101		
G11B-0005/54	C	I		R	20060101		

G11B-0020/10	C	I			20060101	
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**ECLA:** G06F-003/06D, G11B-019/04B2, G11B-019/04B6

**US Classification, Current** Main: 360-069000; Secondary: 360-075000

**US Classification, Issued:** 36075, 36069, 36075

Manual Codes (EPI/S-X): T01-C01A; T01-H01B1; T01-H05B2; T01-S03; T03-A08A1C; T03-A10E3; T03-N01

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**order to answer to the user interaction wherein as to the first 24 claim, it is comprised so that all data transfers that disclose the **loading** of the **additional part** of the total data slot and it electromechanicals in which the third-party device uses the digital memory for the following user interaction be disclosed... ...claim electromechanical data access of the digital memory is needed; and the third-party device is comprised in order to enforce data access and it **loads** the **additional part** of the total data slot for the following user interaction... ...interaction of the total data slot restricted with the specific user interaction exceeds the capacity of the electron memory device to the capacity and it **loads**; and the **additional part** of the total data slot is loaded in the electron memory device in order to replace a part of the initial part used in connection with the specific **user interaction** of the loading step: **monitoring** step: monitoring the use involved in the specific user interaction of arbitrary data memorized in the electron memory device and total data slot and that... ...the digital memory is included and the specific data transfer electromechanicals it is memorized by the digital memory; and it electromechanicals the loading step and **transfer** stage move the first and **additional part** to the base or the memory device from the digital memory...CLAIM 130] The data delivery method in which the transfer stage includes the step that all data **transfers** the **loading** of the **additional part** of the total data slot is disclosed for the following user interaction it is disclosed for the user interaction among the multiple outside dialogues as... Basic Derwent Week: 200340

29/69,K/20 (Item 19 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010915942 *Drawing available*

WPI Acc no: 2001-537374/200160

XRPX Acc No: N2001-399159

**Method of loading of documents e.g. HTML-documents, on the Internet, involves taking user characteristics into consideration and automatically verifying the presented information for links to other information**

Patent Assignee: HANSMANN U (HANS-I); INT BUSINESS MACHINES CORP (IBMC); MERK L (MERK-I); STOBBER T (STOB-I)

Inventor: HANSMANN U; MERK L; STOBBER T

Patent Family ( 2 patents, 2 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 19964030	A1	20010705	DE 19964030	A	19991230	200160	B
US 20020143896	A1	20021003	US 2000734224	A	20001211	200267	E

Priority Applications (no., kind, date): DE 19964030 A 19991230

#### Alerting Abstract DE A1

NOVELTY - Downloading of Internet information aims at maximum efficiency e.g. by accelerated display of information, or compressed transmission of HTML-pages etc but to provide loading of pre-determined sequential pages with correctly assigned priority, the loading method must take into consideration user characteristics and habits.

DESCRIPTION - Automatic verification of the presented information for the presence of links to other information, at the latest during the display of the information by the browser, is required. Automatic assignment of priorities takes place to the identified links which are then automatically loaded with assigned information corresponding to their priority in the client store.

USE - Downloading of information from the Internet and especially a procedure for utilizing the unused capacity of the network link during observation of a selected website.

ADVANTAGE - An efficient method for loading information from the Internet which is matched or adapted to the characteristics of the user i.e. automatic loading is matched to the habits of the user and loading of sequential pages can be indirectly and directly influenced by adjustment of the configuration parameters and evaluation of the user usage characteristics.

DESCRIPTION OF DRAWINGS - A flow-diagram for representing the inventive method is given. (Contains non-English language text).

#### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
G06F-0017/30	A	I		R	20060101
H04L-0029/06	A	I		R	20060101
H04L-0029/08	A	I		R	20060101
G06F-0017/30	C	I		R	20060101
H04L-0029/06	C	I		R	20060101
H04L-0029/08	C	I		R	20060101

ICO: T04L-029:08N27X8, T04L-029:08N27X9

US Classification, Current Main: 709-218000; Secondary: 707-E17120

**US Classification, Issued:** 709218

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-H07C3; T01-H07C5E; T01-J11C1; W01-A06B7; W01-A07G1

Original Publication Data by AuthorityArgentina**Publication No. ...Original**

**Abstracts:**downloading is adjusted to the user's habits: the downloading of subsequent pages can be influenced directly by setting certain configuring parameters and indirectly by **analyzing** the **user's behavior** during use (anticipatory downloading or preloading).  
...**Claims:**the network to the clientb) displaying of the information on the client's machine by a browsec) automatically checking of the information displayed **for** the presence of links to **other sets** of information at a point no later than the display of the information in step b)d) automatically assigning of priorities to the links identifiede) automatically **downloading** to the client's **machine** of the sets of information assigned to the links in accordance with the priorities of the sets of information.Basic Derwent Week: 200160

38/69,K/4 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015591141 *Drawing available*

WPI Acc no: 2006-155310/200616

**Rendering method for hybrid multimedia presentations involves retrieving selected content item from content items based on presentation events after caching content items, and rendering selected content item**

Patent Assignee: CHANDHOK R P (CHAN-I); JACOBS P E (JACO-I); WALKER G K (WALK-I); QUALCOMM INC (QCOM)

Inventor: CHANDHOK R; CHANDHOK R P; JACOBS P E; WALKER G K;  
RAVINDER C

Patent Family ( 10 patents, 111 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2006012427	A2	20060202	WO 2005US25896	A	20050721	200616	B
US 20060174314	A1	20060803	US 2004590128	P	20040721	200651	E
			US 2005186194	A	20050719		
EP 1774749	A2	20070418	EP 2005775125	A	20050721	200729	E
			WO 2005US25896	A	20050721		
KR 2007030332	A	20070315	WO 2005US25896	A	20050721	200755	E
			KR 2007704011	A	20070220		
IN 200700887	P1	20070803	WO 2005US25896	A	20050721	200771	E

			IN 2007DN887	A	20070202	
CN 101023648	A	20070822	CN 200580031591	A	20050721	200809 E
			WO 2005US25896	A	20050721	
JP 2008507919	W	20080313	WO 2005US25896	A	20050721	200820 E
			JP 2007522757	A	20050721	
KR 881302	B1	20090203	WO 2005US25896	A	20050721	200924 E
			KR 2007704011	A	20070220	
TW 200625896	A	20060716	TW 2005124732	A	20050721	200951 E
JP 4589391	B2	20101201	WO 2005US25896	A	20050721	201079 E
			JP 2007522757	A	20050721	

Priority Applications (no., kind, date): US 2004590128 P 20040721; US 2005186194 A 20050719

### **Alerting Abstract WO A2**

**NOVELTY** - The method involves caching one or more content items, such as interface screens, advertisements, or other information items, detecting a presentation event associated with a real time service, retrieving a selected content item from the content items based on the presentation events, and rendering the selected content item.

**DESCRIPTION - INDEPENDENT CLAIMS** are also included for the following:

- a. an apparatus for rendering hybrid multimedia presentations to subscribers;
- b. a computer readable medium comprising instructions to render hybrid multimedia presentations; and
- c. a processor for performing method for rendering hybrid multimedia presentations.

**USE** - For rendering hybrid multimedia presentations on portable devices in wireless communication network.

**ADVANTAGE** - Renders real-time and non real-time content on a portable device based on different operational conditions. Determines particular arrangement, sequence, mixing, and/or selection of real-time and non real-time content for presentation on a targeted device based on the occurrence of one or more presentation events. Provides crisp user experience on a device that otherwise might have sluggish interactivity. Enables users to perceive fast response and start-up times, and enables content retailers to easily and efficiently insert advertisements and other information into real-time services. Minimizes data transfer for transaction.

**DESCRIPTION OF DRAWINGS** - The figure is the flowchart of the method for operating a portable device in hybrid presentation system.

### **Class Codes**

International Patent Classification



IPC	Class Level	Scope	Position	Status	Version Date
H04L-029/06			Main		"Version 7"
G06F-0013/00	A	I	L	B	20060101
G06F-0003/14	A	I	L	B	20060101
H04B-0007/26	A	I	F	B	20060101
H04B-0007/26	A	I	F		20060101
H04L-0029/06	A	I	F	B	20060101
H04N-0005/445	A	I	L	B	20060101
H04N-0007/16	A	I	F	B	20060101
H04N-0007/173	A	I	L	B	20060101
H04N-0007/173	A	I	F	B	20060101
G06F	S				20060101
G06F-0013/00	C	I	L	B	20060101
G06F-0003/14	C	I	L	B	20060101
H04B-0007/26	C	I		B	20060101
H04B-0007/26	C	I			20060101
H04L-0029/06	C	I		B	20060101
H04L-0029/06	C	I	F	B	20060101
H04N-0005/445	C	I	L	B	20060101
H04N-0007/16	C	I	F	B	20060101
H04N-0007/173	C	I	L	B	20060101
H04N-0007/173	C	I	F	B	20060101
H04N-0007/173	C	I		B	20060101

**ECLA:** H04L-029/06C2, H04L-029/06M4S4, H04L-029/06M8, H04L-029/08A7, H04L-029/08N27C, H04L-029/08N27E, H04N-007/16E2

**ICO:** T04L-029:08N27X8

**US Classification, Current** Main: 725-135000; Secondary: 725-038000, 725-090000

**US Classification, Issued:** 725135, 72538, 72590

Manual Codes (EPI/S-X): T01-N01D1; T01-S03

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**CLAIM 6]  
The method according to claim 1, wherein said **detection** contains **detecting** selected **user activity** relative to said real-time service...CLAIM 21] The device according to claim 16, wherein said module for **detecting** contains module for **detecting** selected **user activity** relative to said real-time service...CLAIM 30] The computer readable medium according to claim 25, wherein said order for **detecting** contains order for **detecting**

selected **user activity** relative to said real-time service...CLAIM 39] The processor according to claim 34, wherein said **detection** contains **detecting** selected **user activity** relative to said real-time service... CLAIM 46] The method according to claim 43, wherein said presentation event contains **determining** the selected device **user activity**. [...CLAIM 51] The device according to claim 48, wherein said presentation event contains **determining** the selected device **user activity**. [... ...It is a method expressing hybrid presentation of a real time media content and a non real-time media content,Comprising:One or **more** content **items received** from the server via the network are cached in memory of a device,After caching one or more said content items in the said memory... CLAIM 6] The rendering method for including a step for **detecting** the selected **user activity** of the hybrid presentation of claim 1, wherein the step detecting as described above is related to the real time service...CLAIM 13] The rendering device for **detecting** the presentation event when the **user action** is **detected** of the hybrid presentation of claim 10, wherein the client application logic is selected...CLAIM 21] The rendering device of the hybrid presentation including the means **detecting** the selected **user activity** of claim 16, wherein the means detecting as described above is related to the real time service...CLAIM 30] The computer-readable medium including the command **detecting** the selected **user activity** of claim 25, wherein it is related to the real time service ... CLAIM 39] The processor including the means executing the command **detecting** the selected **user activity** of claim 34, wherein the means enforcing the command detected as ...CLAIM 46] The rendering method for including to **determine** the device **user activity** of the hybrid presentation of claim 43, wherein the presentation event is selected CLAIM 51] The rendering device for including to **determine** the device **user activity** of the hybrid presentation of claim 48, wherein it is selected...

38/69,K/5 (Item 5 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0015409970 *Drawing available*  
 WPI Acc no: 2005-755894/200577  
 XRPX Acc No: N2005-623612

**User enabling method for use in e.g. Internet, involves presenting received documents to selected user through device having lesser dimensions than desktop personal computer interface in order based upon priority**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)  
 Inventor: COLSON J C

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6961901	B1	20051101	US 1999240496	A	19990129	200577	B

Priority Applications (no., kind, date): US 1999240496 A 19990129

### Alerting Abstract US B1

NOVELTY - The method involves presenting a set of types of received documents to a selected user via a device that having a standard desktop personal computer display interface. An interactive **activity** of the selected **user** is **tracked** to the received documents. The received documents are presented to the selected user through the device having lesser dimensions than the computer display interface in an order based upon a priority.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- a. an user enabling system
- b. a computer program for a computer managed communication network having code recorded on a computer readable medium for enabling a user.

USE - Used for enabling a user in a computer managed communication network e.g. World wide web or Internet.

ADVANTAGE - The received documents are presented to the selected user through the device having lesser dimensions than the computer display interface in the order based upon the priority, thus providing more interface resources to the user, and hence **enabling** to **access** and sort the **received** documents in an easy manner.

DESCRIPTION OF DRAWINGS - The drawing shows a general flowchart of a programming set up to implement for prioritizing of documents.

### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
G06F-0015/00	A	I		R	20060101
G06F-0015/00	C	I		R	20060101

**ECLA:** G06F-017/30W9, G06Q-010/00F

**US Classification, Current** Main: 715-526000; Secondary: 707-E17119, 715-517000, 715-527000

**US Classification, Issued:** 715526, 715527, 715517

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01D2; T01-S03

**Alerting Abstract** ...a set of types of received documents to a selected user via a device that having a standard desktop personal computer display interface. An interactive **activity** of the selected **user** is **tracked** to the received documents. The received documents are presented to the selected user through the device having lesser dimensions than the computer display interface in... ... having lesser dimensions than the computer display interface in the order based upon the priority, thus providing more interface

resources to the user, and hence **enabling** to **access** and sort the **received** documents in an easy manner... Original Publication Data by Authority Argentina **Publication No.** ...**Original Abstracts:**a plurality of types of received documents to a selected user through a device having a standard desktop display interface, then tracking the interactive activity **of** said selected **user** to said plurality **of** types of received documents and **determining** the priority of said types of received documents based upon said tracking, and presenting received documents of said plurality of types to said selected user...  
...**Claims:**types of received documents to a selected user through a device having a standard desktop personal computer display interface,tracking the interactive activity of said **selected user** to **said** plurality of types **of** received documents,**determining** the priority of said types of received documents based upon said tracking, andpresenting received documents of said plurality of types to said selected user... Basic Derwent Week: 200577

38/69,K/21 (Item 21 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0013191878 *Drawing available*  
WPI Acc no: 2003-275539/200327  
XRPX Acc No: N2003-218785

**Information downloading method in computer network, involves downloading information from information file and storing downloaded information in storage device repeatedly, until all files are downloaded**

Patent Assignee: FERGUSON X (FERG-I)

Inventor: FERGUSON X

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020178232	A1	20021128	US 1997988347	A	19971210	200327	B
US 6769019	B2	20040727	US 1997988347	A	19971210	200449	E

Priority Applications (no., kind, date): US 1997988347 A 19971210

#### **Alerting Abstract US A1**

NOVELTY - Information from information file is designated using mouse. The designated information is downloaded and stored in a storage device, when information from **other files** is **retrieved** and displayed on client computer. The whole process is repeated until all the files are downloaded and stored in a storage device.

USE - For downloading information in computer network such as Internet.

ADVANTAGE - The waiting time of user for downloading information from web page, is eliminated or significantly reduced and maximizes the use of available bandwidth while browsing web pages of Internet.

DESCRIPTION OF DRAWINGS - The figure shows the computer network.

#### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
H04L-0029/06	A	I		R	20060101
H04L-0029/06	C	I		R	20060101

**ECLA:** H04L-029/06, H04L-029/08N19, H04L-029/08N27C

**US Classification, Current** Main: 709-217000, 709-219000; Secondary: 705-014000, 715-748000, 715-760000

**US Classification, Issued:** 709217, 709219, 345748, 345760, 70514

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2C; T01-N01D; T01-N03A1

**Alerting Abstract** ...NOVELTY - Information from information file is designated using mouse. The designated information is downloaded and stored in a storage device, when information from **other files** is **retrieved** and displayed on client computer. The whole process is repeated until all the files are downloaded and stored in a storage device.

Original Publication Data by Authority Argentina **Publication No. ...Original**

**Abstracts:** browser by "dragging-&-dropping" them with a pointing device, such as a mouse. This procedure allows for the real-time background downloading of Web pages **which** the user designates as the **next Web pages** he/she wants to view, while he/she is viewing other content. These dragged-&-dropped links are downloaded in the background according to a sophisticated... ... with periodic downloads from a head-end computer across the Internet. Additionally, the invention has a monitoring system to determine the user's utilization of **the** invention. Data **concerning users' interactions** with advertisements and Q-Links is reported from the invention with periodic uploads to a database stored in a head-end computer across the Internet... ...**Claims:** the storage device by means of the mouse or other pointing device; d) closing the file containing the information on the client computer monitor; e) **retrieving** information from the plurality of **other files** from the network, opening the files and displaying the information in **the** file on the client computer **monitor**; f) **downloading** and storing information from the information designated for **downloading** while information from **other files** is displayed on the client computer monitor; g) repeating steps b, c, d, e, and **f** until all **retrieved files** **are** opened on the client computer monitor, all files have been designated for downloading, and all designated files have been downloaded and placed onto the storage... Basic Derwent Week: 200327

38/69,K/22 (Item 22 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013016744 *Drawing available*

WPI Acc no: 2003-095278/200309

Related WPI Acc No: 2003-095279; 2003-095280

XRPX Acc No: N2003-075523

**Digital radiographic image pre-fetching method in computer system, involves reading reference of image subsequent to current image in predetermined work flow**

Patent Assignee: BOHNENKAMP S (BOHN-I); MEVIS BREASTCARE GMBH & CO KG (MEVI-N)

Inventor: BOHNENKAMP S; EVERTSZ C J G

Patent Family ( 5 patents, 27 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1262882	A2	20021204	EP 200210733	A	20020514	200309	B
US 20020186899	A1	20021212	US 2001870389	A	20010529	200309	E
DE 20221101	U1	20050428	EP 200210734	U	20020514	200532	E
			DE 20221101	U	20020514		
US 6895128	B2	20050517	US 2001870389	A	20010529	200533	E
US 7366676	B2	20080429	US 2001870388	A	20010529	200831	E

Priority Applications (no., kind, date): US 2001870386 A 20010529; US 2001870388 A 20010529; US 2001870389 A 20010529

#### Alerting Abstract EP A2

NOVELTY - A file including reference of a sequence of digital radiographic images required for carrying out a predetermined work flow is provided. A pointer is provided for pointing to the current image of the image sequence. The reference of the image subsequent to the current image are read in the work flow for pre-fetching the subsequent image.

DESCRIPTION - An INDEPENDENT CLAIM is included for computer system.

USE - For pre-fetching digital radiographic images of breast cancer in computer system (claimed).

ADVANTAGE - Reduces latency time and maximizes throughput experienced by a user, when large number of screening programs for receiving medical images sequentially by group of radiologists.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the computer system.

#### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version

					Date		
G06F-0017/30	A	I		R	20060101		
G06F-0019/00	A	I		R	20110101		
G06Q-0050/00	A	I	F	B	20060101		
G06T-0007/00	A	I		R	20060101		
G06F-0017/30	C	I		R	20060101		
G06F-0019/00	C	I		R	20060101		
G06Q-0050/00	C	I	F	B	20060101		
G06T-0007/00	C	I		R	20060101		

**ECLA:** G06F-017/30M9, G06F-019/00M5S, G06T-007/00B2

**ICO:** S06F-019:00M3F, S06F-019:00M5I, S06F-019:00M5S

**US Classification, Current** Main: 382-305000, 705-002000; Secondary: 382-100000, 382-128000, 382-132000, 434-262000, 600-408000, 705-003000, 707-E17031

**US Classification, Issued:** 382305, 382100, 382305, 382128, 382132, 382305, 7052, 7053, 434262, 600408

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-G02G; T01-J05B; T01-J05B2A; T01-J05B3; T01-J06A1

**Alerting Abstract** ...the current image of the image sequence. The reference of the image subsequent to the current image are read in the work flow for pre- **fetching** the **subsequent image**. Original Publication Data by AuthorityArgentina**Publication No.**

...**Claims:**pointer to the next successive step of the sequence as the workflow progresses;c) displaying the output of the workflow so that it can be **reviewed** and **monitored** by a **radiologist**;d) maintaining a case stack of the medical cases to be processed and maintaining a second pointer indicative of the medical case undergoing processing in... Basic Derwent Week: 200309

38/69,K/35 (Item 35 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0008943239

WPI Acc no: 1998-494996/199842

Related WPI Acc No: 1999-571396

XRPX Acc No: N1998-386617

**Method of accessing information stored in computer network - involves determining additional links to additional items that are accessible by corresponding network access protocols which are discovered as user browses resources on computer network**

Patent Assignee: TERRABYTE TECHNOLOGY (TERR-N)

Inventor: BASART E J; DOLAN M A

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5801702	A	19980901	US 1995401183	A	19950309	199842	B

Priority Applications (no., kind, date): US 1995401183 A 19950309

#### Alerting Abstract US A

The method involves displaying a graphical structure which includes a first and second representation of a first and second link to respective items that is accessible according to a set of network access protocol, respectively on a display device. Input signals indicating that a user has selected first representation is then received. A specific item corresponding to the first representation is retrieved using a first network access protocol. Additional links to additional items that are accessible by corresponding network access protocols that are discovered as the **user browses** resources are then **determined**.

Additional representation for the discovered items are generated and are then stored in the graphical structure so that the additional discovered items are displayed.

ADVANTAGE - Minimises repeated retrievals of items through computer network by persistently storing such retrieved items in local memory. Provides single, integrated user interface for accessing items through computer network according to two or more network access protocol.

#### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
G06F-0017/30	A	I		R	20060101
G06F-0017/30	C	I		R	20060101

**ECLA:** G06F-017/30G4, G06F-017/30W9

**US Classification, Current** Main: 715-854000; Secondary: 707-E17013, 707-E17119, 709-200000, 715-513000 , 715-733000, 715-839000, 715-841000

**US Classification, Issued:** 345357, 345349, 345329, 345353, 707513, 395200.3

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H07C3E; T01-H07C5A; T01-J05B3

**Alerting Abstract** ...Additional links to additional items that are accessible by corresponding network access protocols that are discovered as the **user browses** resources are then **determined**. Additional representation for the discovered items are generated and are then stored in the graphical structure so that the additional discovered items are displayed... Original Publication Data by AuthorityArgentina**Publication No.**



...**Claims**:second network access protocol;receiving input signals which indicate that a user has selected the first representation;retrieving the first item using the first network **access** protocol;determining additional links to **additional items** that are accessible by corresponding network access protocols that are discovered as the user browses resources on the computer network;generating additional representations for those... Basic Derwent Week: 199842

38/69,K/40 (Item 40 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0007035614 *Drawing available*  
WPI Acc no: 1995-053862/199508  
XRPX Acc No: N1995-042329

**Providing smart image system for processing information or data, e.g. for medical imaging - using image database with unique identifiers and associated knowledge structure to predict and pre-fetch images in response to user**

Patent Assignee: SIEMENS CORP RES & SUPPORT INC (SIEI)

Inventor: CHANG S; HOU T; HSU A

Patent Family ( 1 patents, 7 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 635797	A1	19950125	EP 1994108887	A	19940609	199508	B

Priority Applications (no., kind, date): US 199391810 A 19930715

### Alerting Abstract EP A1

The image database (20) contains data for multiple images. Each image is provided with a unique identifier and associated with a knowledge structure to make each image a smart image for processing as an object. Protocols are included in the knowledge structure indicative of the typical successive steps a user takes in interacting with a smart image. A user's (32) next required action in processing an image is predicted from knowledge of the user's present interaction with a smart image and the protocol associated with the user. Image data required for a user's next interaction with a present image or **another image** is then pre-**fetched** as determined in the predicting step.

USE/ADVANTAGE - E.g. for examining of nuclear images of heart. System can automatically respond to users in real-time for enhanced operation.

### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
G06F-017/30			Main		"Version 7"

**ECLA:** G06F-017/30G4

File Segment: EPI;

DWPI Class: S05; T01

Manual Codes (EPI/S-X): S05-G02G; T01-J05B4; T01-J10X; T01-J12; T01-J16A

**Alerting Abstract** ...with a smart image and the protocol associated with the user. Image data required for a user's next interaction with a present image or **another image** is then pre-**fetch**ed as determined in the predicting step... Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**protocol associated with the user; and prefetching image data required for a user's predicted next interaction with a present image or another image, as **determined in** said predicting step. Basic Derwent Week: 199508

## Patent full-text files

23/5K/25 (Item 2 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01203385

## INTERACTIVE ONLINE RESEARCH SYSTEM AND METHOD

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### Legal Representative:

- **GREER Roger D et al (agent)**  
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	Country	Number	Kind	Date
Patent	WO	200510683	A2-A3	20050203
Application	WO	2004US22765		20040714
Priorities	US	2003619938		20030715

#### Main International Patent Classes (Version 7):

IPC	Level
G06F-007/00	Main
<b>G06F-017/30</b>	
<b>G06F-017/30</b>	

**Language** Publication Language: English

Filing Language: English

Fulltext word count: 12060

#### English Abstract:

A system and (20) method of locating an online site or document for a user (24). At least one question is provided to a user, the question being associated with a plurality of predefined answers. One of the plurality of predefined answers (26) is received. This predefined answer is associated with a keyword. A link is retrieved for the online site or document, the link being associated with the keyword.

Legal Status Type	Pub. Date	Kind	Text
Publication	20050203	A2	Without international search report and to be republished upon receipt of that report.
Search Rpt	20060420		Late publication of international search report
Republication	20060420	A3	With international search report.
Republication	20060420	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

#### Detailed Description:

...actions preferably occur (step 86). In one action, the page or survey is stored in a queue table within the database 34 linked to the **user** (step 88). In a second **action**, it is **determined** whether a predetermined number (for example, two) of Web sites have been displayed (step 90). If not, the database 34 (for example, a values table... ...for a certain number (five, for example) of most-valued items related to the particular answer being evaluated.

A window of a Web site or **other** site or **document** related to the **retrieved** items is presented to the user 24 (step 94) according to settings stored within the database 34, for example, within the table mapping the appropriate...

23/5K/27 (Item 4 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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01030734

## SYSTEM AND METHOD FOR TRANSACTION RECORDING AND PLAYBACK

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### Legal Representative:

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GB

	Country	Number	Kind	Date
Patent	WO	200360783	A2-A3	<b>20030724</b>
Application	WO	2002GB5849		20021220
Priorities	US	200126372		20011224

### Main International Patent Classes (Version 7):

IPC	Level
<b>G06F-017/30</b>	Main
<b>G06F-017/30</b>	Main
H04L-029/06	
<b>G06F-017/60</b>	

IPC	Level
...G06F-017/60	

Language Publication Language: English

Filing Language: English

Fulltext word count: 8359

### English Abstract:

The system and method of the present invention comprises functionality to record the steps of a user's navigation transaction and to subsequently play back those steps to determine service availability and levels. The present invention comprises a method for recording a user's steps in a navigation transaction by retrieving an information resource and calculating service level thresholds and the time required to retrieve the information resource. The service level thresholds and parameters regarding the information resource is recorded in a transaction data file as a step comprising the navigation transaction. The present invention also comprises a method for playing back one or more steps executed by a user as part of a navigation transaction, the navigation transaction stored in a transaction data file. The method for playing back one or more steps executed by a user as part of a navigation transaction comprises identifying a first step within the transaction, executing the first step by attempting to retrieve an information resource identified by the step, and returning a level of service for a server hosting the information resource identified by the step.

Legal Status Type	Pub. Date	Kind	Text
Publication	20030724	A2	Without international search report and to be republished upon receipt of that report.
Search Rpt	20030828		Late publication of international search report
Republication	20030828	A3	With international search report.
Republication	20030828	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20031030		Request for preliminary examination prior to end of 19th month from priority date

### Detailed Description:

...regarding the step.

The parameters written to the exported data file and their use are explained in greater detail in Figs. 5 and 7. The **transaction** recording software **tracks** that the **user** navigates to the Slashdot web site and adds an associated step entry to the transaction data file 406. The software also tracks the user as he or she navigates and **retrieves additional**

information **resources**, e.g., web pages, from the Slashdot web site, 408 and 410.

According to some embodiments, the order in which the recorded steps are added...

23/5K/35 (Item 12 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00806392

# **TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF**

## **Patent Applicant/Patent Assignee:**

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## **Inventor(s):**

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## **Legal Representative:**

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	Country	Number	Kind	Date
Patent	WO	200139086	A2	<b>20010531</b>
Application	WO	2000US32310		20001122
Priorities	US	99444653		19991122
	US	99447623		19991122

## **Main International Patent Classes (Version 7):**

IPC	Level
<b>G06F-017/60</b>	Main
<b>G06F-017/60</b>	Main

Language Publication Language: English

Filing Language: English

Fulltext word count: 156214

### English Abstract:

### French Abstract:

Legal Status Type	Pub. Date	Kind	Text
Publication	20010531	A2	Without international search report and to be republished upon receipt of that report.
Examination	20010927		Request for preliminary examination prior to end of 19th month from priority date
Declaration	20020613		Late publication under Article 17.2a
Republication	20020613	A2	With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

### Detailed Description:

...computer software accomplishes this by means of an event loop which monitors the mouse, keyboard, and other sources of external events and calls the appropriate **parts** of the programmer's code 1 0 according to **actions** that the **user** performs. The programmer no longer **determines** the order in which events occur. Instead, a program is divided into separate pieces that are called at unpredictable times and in an unpredictable order...

## NPL abstract files

20/7/17 (Item 5 from file: 144)

DIALOG(R)File 144: Pascal

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12502322 PASCAL No.: 96-0172173

### Evaluating interactive systems in TREC Evaluation of information retrieval systems

BEAULIEU M; ROBERTSON S; RASMUSSEN E

TAGUE-SUTCLIFFE Jean M, ed

City univ., cent. interactive systems res., dep. information sci., London  
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Journal: Journal of the American Society for Information  
Science, 1996, 47

(1) 85-94

ISSN: 0002-8231 CODEN: AISJB6 Availability: INIST-6025;  
354000055455130080

No. of Refs.: 27 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: USA

Language: English

The TREC (Text REtrieval Conference) experiments were designed to allow large-scale laboratory testing of information retrieval techniques. As the experiments have progressed, groups within TREC have become increasingly interested in finding ways to allow user interaction without invalidating the experimental design. The development of an "interactive **track**" within TREC to accommodate **user interaction** has required some modifications in the way the retrieval task is designed. In particular there is a need to simulate a realistic interactive searching task within a laboratory environment. Through successive interactive studies in TREC, the Okapi team at City University London has identified methodological issues relevant to this process. A diagnostic experiment was conducted as a follow-up to TREC searches which attempted to isolate the human and **automatic** contributions to query formulation and retrieval performance.

**NPL full-text files -- no relevant records**